

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7    B29C67/24    B32B19/02    B32B19/06  |  |  |
|---|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC   |  |  |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7    B32B    B29C   |  |  |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched   |  |  |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used)<br>EPO-Internal, WPI Data, PAJ   |  |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |  |  |
| Category *  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
| A   | EP 0 786 325 A (TONCELLI MARCELLO)<br>30 July 1997 (1997-07-30)<br>column 2, line 8 - line 35; claims 1-10;<br>figures 1-4   | 1-9  |
| A   | GB 2 224 283 A (DALLA VALLE ROBERTO)<br>2 May 1990 (1990-05-02)<br>page 1, line 10 - page 2, line 19; claims<br>1-15; examples 1-6   | 1-9  |
| A   | WO 01/45921 A (TONCELLI MARCELLO)<br>28 June 2001 (2001-06-28)<br>page 1, line 8 - line 32; claims 1,16-34<br>page 4, line 15 - line 32<br>page 10, line 1 - line 31<br>page 11, line 4 - line 10<br>page 13, line 3 - line 27 | 1-9  |
| -/--  |  |  |
| <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>   |  |  |
| <div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&amp;* document member of the same patent family</p> </div> </div> |  |  |
| Date of the actual completion of the international search<br><br><div style="text-align: center; font-weight: bold;">10 December 2004</div>   |  | Date of mailing of the international search report<br><br><div style="text-align: center; font-weight: bold;">22/12/2004</div> |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016  |  | Authorized officer<br><br><div style="text-align: center; font-weight: bold;">Hindia, E</div>                                  |

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | WO 00/43192 A (TONCELLI MARCELLO)<br>27 July 2000 (2000-07-27)<br>page 7, line 10 - line 31; claims 1-10<br>-----  | 1-9                   |
| A          | DE 39 12 647 A (MITRAS KUNSTSTOFFE GMBH)<br>25 October 1990 (1990-10-25)<br>column 2, line 40 - line 62; claims 1-6<br>-----                                     | 9                     |
| A          | US 6 177 179 B1 (GEIER JOSEF ET AL)<br>23 January 2001 (2001-01-23)<br>cited in the application<br>column 7, line 37 - column 8, line 49;<br>claims 1-7<br>----- | 9                     |

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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